Fujitsu recommends Windows® 7.

Data Sheet
Fujitsu ESPRIMO Q910 Desktop PC

The Mini with More PC per cm

The Fujitsu ESPRIMO Q910 delivers excellent performance, energy efficiency and manageability in a mini PC. An Intel® Core™ processor and Intel® vPro™ technology deliver professional computing and management. Its stylish design is also practical, with two front USB 3.0 ports for lightning fast connections

An elegant mini PC for the modern office environment
Eye-catcher on your desk with a modern and exclusive design
- Fully equipped mini PC with a volume of 1.9 liters - a true member of our Fujitsu ESPRIMO Desktop family now based on Desktop technology

Black shell and a green core
The most energy-efficient computer of our Fujitsu ESPRIMO family cuts your energy bill and helps to save your budget
- Smart Desktop Technology for lowest power consumption in idle mode, optional PVC free system and an 90% energy efficient onboard power supply, halogen free mainboard

Unleash the power
Latest Intel® technology to support your challenging business applications
- 3rd generation Intel® Core™ processor family

Sophisticated system management
Simple system administration in complex IT infrastructures
- Intel® vPro™ technology (depending on processor) and Fujitsu DeskView manageability

Flexible operations and easy upgrade of the system
Pleasant working environment due to a tidy desk
- Horizontal or vertical operations and an integrated VESA mount, service door for easy upgrade of major components

reddot design award winner 2012 · ENERGY STAR · epeat GOLD

Green IT · Global Availability · Zero Noise PC · Backpack Solution · Manageability · PVC Free · FAMILY CONCEPT · Easy Access Cabinet · Erasedisk · Halogen Free

Components

	Intel® vPro™ Logo with Intel® Core i5 processors *with Intel® Turbo Boost Technology (clock speed and will vary depending on workload and other variables)
Processor	Intel® Core™ i5-3470T processor (2 Cores / 4 Threads, 2.90 GHz, up to 3.6 GHz, 6 MB, Intel® HD Graphics 2500) *
	Intel® Core™ i3-2120T processor (2 Cores / 4 Threads, 2.60 GHz, 3 MB, Intel® HD Graphics 2000)
	Intel® Pentium® processor G640T (2 Cores / 2 Threads, 2.40 GHz, 3 MB, Intel® HD Graphics)
	Intel® Celeron® processor G540T (2 Cores / 2 Threads, 2.10 GHz, 2 MB, Intel® HD Graphics)
Operating systems	
Operating system	Windows® 7 Home Basic (EM) 32-bit Windows® 7 Home Premium 64-bit Windows® 7 Professional 32-bit Windows® 7 Professional 64-bit
Operating system compatible	Windows® XP
Operating system notes	Limited Windows® XP support. Microsoft discontinued Windows® XP certification on system level, basic drivers via http://support.ts.fujitsu.com
Memory modules	2 GB (1 module(s) 2 GB) DDR3, non-ECC, 1600 MHz, PC3-12800, SO DIMM
	4 GB (1 module(s) 4 GB) DDR3, non-ECC, 1600 MHz, PC3-12800, SO DIMM
Hard disk drives (internal)	SSD SATA III, 256 GB, 2.5-inch
	SSD SATA III, 128 GB, 2.5-inch
	HDD SATA II, 7200 rpm, 320 GB, 2.5-inch
	HDD SATA II, 7200 rpm, 160 GB, 2.5-inch, S.M.A.R.T.
	HDD SATA II, 5400 rpm, 750 GB, 2.5-inch*
	HDD SATA II, 5400 rpm, 500 GB, 2.5-inch*
	HDD SATA II, 5400 rpm, 250 GB, 2.5-inch*
Hard disk notes	*Disk imaging software of the customer must be 4k sector size / advanced format ready Up to 18 GB of HDD space is reserved for system recovery
Graphics add on cards (optional)	DP to DVI-D (single link) Adapter Cable
Drives (optional)	BD Triple Writer SATA Slot-in slim
	DVD Super Multi Slot-in slim
Interface add on cards/components (optional)	
	WLAN 802.11 b/g/n (2x2) and Bluetooth
Base unit	ESPRIMO Q910
Mainboard	
Mainboard type	D3183
Formfactor	proprietary
Chipset	Intel® Q77
Processor socket	LGA 1155
Processor quantity maximum	1
Memory slots	2 SO DIMM (DDR3, 1600 MHz)
Supported capacity RAM (max.)	16 GB
Memory frequency	1600 MHz
Memory notes	Dual channel support. For dual channel performance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the same
LAN	10/100/1000 MBit/s Intel® 82579 LM
Integrated WLAN	1 (optional)
BIOS version	AMI Aptio 4.6

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Mainboard	
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)
Audio codec	Conexant CX20642
Audio features	High Definition audio, 5.1 surround sound, Buzzer
I/O controller on board	
Serial ATA total	2
thereof SATA III	2
Controller functions	Serial ATA II (3 Gbit) Serial ATA III (6 Gbit) NCQ AHCI
Interfaces	
Audio: line-out / headphone	1
Audio: line-in / microphone	1
USB 2.0 total	3
USB 3.0 total	4
USB front	2x 3.0
USB rear	2x 2.0 and 2x 3.0
VGA	1 (via DVI to VGA adapter, part of shipment)
DisplayPort	1
DVI	1 (DVI-I)
Ethernet (RJ-45)	1
Kensington Lock support	1
Multicardreader	1
Interface Module notes	Anytime USB charge functionality
Input device / components	
	Optical USB wheel mouse
Input devices (optional)	KBPC PX ECO Mouse M440 ECO
Drive bays	
Drive bays total	2
2.5-inch internal bays	1
5.25-inch external bays	1
Drive bay notes	slim slot-in
Graphics on board	
Graphics brand name	Intel® HD Graphics, HD Graphics 2000, HD Graphics 2500, HD Graphics 4000 (depending on CPU)
Shared video memory	up to 1759 MB
TFT resolution (VGA)	1024 x 768 pixel 1280 x 1024 pixel 1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1600 x 1200 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel
TFT resolution (DVI)	1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel

Graphics on board	
TFT resolution (DisplayPort)	1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel 2560 x 1440 pixel 2560 x 1600 pixel
Graphics features	Dual display support DirectX® 10.1 or DirectX® 11 (depending on CPU) HDCP support Open GL® 3.1 (depending on CPU) Open CL™ 1.1 (depending on CPU)
Graphics notes	Tested resolutions, depending on display type additional resolutions and frequencies possible Shared memory depending on main memory size and operating system Resolution (color depth up to 32 Bit/pixel) For TFT we recommend using 60Hz
Electrical values	
Power efficiency note	power supply efficiency (at 115V/230V; 10% / 20% / 50% / 100% load) : 83% / 87% / 90% / 88%
Rated voltage range	100 V - 240 V
Rated frequency range	50 Hz - 60 Hz
Operating voltage range	90 V - 264 V
Operating line frequency range	47 Hz - 63 Hz
Max. output of single power supply	65 W (integrated in system)
Power factor correction/active power	No (meets input harmonic current according EN61000-3-2)
Monitor outlet	No
Power consumption	
Power consumption note	See white paper Energy Consumption
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=ae3a2536-3eb0-4982-bea2-9acda2263e13
Heat dissipation	
Heat dissipation notes	See white paper Energy Consumption
Noise emission	
Related Processors for noise	Intel® Core™ i5 3470T
Standard noise emission	2x2 GB, HDD, ODD, Windows According to ISO 7779:2010, ECMA-74
Standard noise notes / description	A weighted sound power level Lwad (in B) / Workplace related A-weighted sound pressure level LpAm (in dB(A))
Standard noise operation mode: CPU 50% load	4.7 B / 31 dB(A) Bystander ; 34 dB(A) Operator position
Standard noise operation mode: HDD load	3.3 B / 20 dB(A) Bystander ; 22 dB(A) Operator position
Standard noise operation mode: Idle mode	SSD: no noise emmision, 2.5" HDD: 3.1 B / 19 dB(A) Bystander ; 21 dB(A) Operator position
Standard noise operation mode: ODD load	4.7 B / 33 dB(A) Bystander ; 34 dB(A) Operator position
Standard noise operation mode: Office applications 2.0	SSD: no noise emmision, 2.5" HDD: 3.2 B / 19 dB(A) Bystander ; 21 dB(A) Operator position
Blue angel noise emission according certification	for max. possible configuration According to ISO 7779:2010, ECMA-74
Blue angel noise notes / description	A weighted sound power level Lwad (in B); 1B = 10dB
Blue angel noise operation mode: HDD load	3.3 B = 33 dB
Blue angel noise operation mode: Idle mode	3.1 B = 31 dB

Noise emission	
Blue angel noise operation mode: ODD load	4.7 B = 47 dB
Dimensions / Weight / Environmental	
Dimensions (W x D x H)	185 x 188 x 54 mm 7.29 x 7.41 x 2.13 inch
Operating position	Vertical / horizontal (no feet needed)
VESA mount	integrated (100mm), additional mounting kit for specific monitors optional
Weight	1.6 kg
Weight (lbs)	3.53 lbs
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	10 - 35°C (50 - 95°F)
Compliance	
Product	ESPRIMO Q910
Model	MPC2
Europe	CE Nordic Swan in progress
USA/Canada	FCC Class B cCSAus
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® 5.0 (dedicated regions) EPEAT® Gold (dedicated regions)
Compliance notes	This product is free of polyvinyl chloride (PVC) when ordered with the optional PVC free power cord
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/
Additional Software	
Additional software (preinstalled)	Nero Essentials S (burning software) Fujitsu Recovery (Hard Disk Based Recovery) Norton Internet Security (incl. Firewall) 60 days version Microsoft® Office Starter: reduced-functionality Word and Excel® only, with advertising. No PowerPoint® or Outlook®. Buy Office 2010 to use the full-featured software.
Additional software (optional)	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD) CyberLink PowerDVD BD (playback software for Blu-ray Disc™, only with Blu-ray Disc™ drive / Blu-ray playback is not supported under Windows XP if the system runs on Intel onboard graphics) Nero 10 Essentials XL
Compatibility (references)	
	DMI 2.0 PC 2001 WMI 1.5 USB 2.0 SMBIOS
Manageability	
Manageability technology	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) Intrusion switch (optional) iAMT 8.0 (depending on CPU) WoL (Wake on LAN)
Manageability software	DeskView Client DeskView Instant BIOS Management DeskView Integration for Symantec Management Platform

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Manageability	
DeskView components	Inventory Management BIOS Management Driver Management Security Management Alarm Management
Manageability link	http://ts.fujitsu.com/manageability

Security	
System protection	Kensington Lock support Optional: Intrusion switch Housing Lock Plate (to use with Kensington lock)
Audit proof protection	EraseDisk (optional) Boot sector virus protection Write protect option for the Flash EPROM Embedded security (TPM 1.2) Control of all USB interfaces External USB ports can be disabled separately Control of external interfaces
Access protection	User and supervisor BIOS password Hard disk password Optional: Access protection via external SmartCard reader

Packaging information	
Packaging dimension (mm)	395 x 198 x 284 mm
Packaging dimension (inch)	15.55 x 7.8 x 11.18 inch
Max. quantity / pallet	48
Material - Weight (g) Carton	670 g
Material - Weight (lbs) Carton	1.48 lbs
Material - Weight (g) EPS / PS	10 g
Material - Weight (lbs) EPS / PS	0.02 lbs
Material - Weight (g) PE	125 g
Material - Weight (lbs) PE	0.28 lbs
Packaging notes	printed user documentation is bleached in chlorin free process

Warranty	
Standard Warranty	3 years
Service level	Bring-In / On-Site Service (depending on country)

Maintenance and Support Services - the perfect extension	
Recommended Service	5x9, Response Time: Next Business Day
Spare Parts availability	5 years
Service Weblink	http://www.fujitsu.com/fts/services/support/index.html

More information

Fujitsu platform solutions

In addition to Fujitsu ESPRIMO Q910, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures
With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products
www.fujitsu.com/global/services/computing/

Software
www.fujitsu.com/software/

More information

Learn more about Fujitsu ESPRIMO Q910, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/fts/ESPRIMO

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at http://www.fujitsu.com/global/about/environment/

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